

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/813,345

DATE: 04/05/2001
 TIME: 12:27:09

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\04052001\I813345.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
 6 (i) APPLICANT: Smith, Derek D.
 7 Saha, Shankar
 8 Abel, Peter W.
 10 (ii) TITLE OF INVENTION: PEPTIDE ANTAGONISTS OF CGRP-RECEPTOR
 11 SUPERFAMILY AND METHODS OF USE
 13 (iii) NUMBER OF SEQUENCES: 23
 15 (iv) CORRESPONDENCE ADDRESS:
 16 (A) ADDRESSEE: Muetting, Raasch & Gebhardt, P.A.
 17 (B) STREET: 119 North Fourth Street
 18 (C) CITY: Minneapolis
 19 (D) STATE: MN
 20 (E) COUNTRY: USA
 21 (F) ZIP: 55401
 23 (v) COMPUTER READABLE FORM:
 24 (A) MEDIUM TYPE: Floppy disk
 25 (B) COMPUTER: IBM PC compatible
 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
 29 (vi) CURRENT APPLICATION DATA:
 30 (A) APPLICATION NUMBER: US/09/813,345
 31 (B) FILING DATE: 20-Mar-2001
 32 (C) CLASSIFICATION:
 34 (viii) ATTORNEY/AGENT INFORMATION:
 35 (A) NAME: McCormack, Myra H
 36 (B) REGISTRATION NUMBER: 36,602
 37 (C) REFERENCE/DOCKET NUMBER: 180.00020101
 39 (ix) TELECOMMUNICATION INFORMATION:
 40 (A) TELEPHONE: 612/305-1220
 41 (B) TELEFAX: 612/305-1228
 44 (2) INFORMATION FOR SEQ ID NO: 1:
 46 (i) SEQUENCE CHARACTERISTICS:
 47 (A) LENGTH: 29 amino acids
 48 (B) TYPE: amino acid
 49 (C) STRANDEDNESS: single
 50 (D) TOPOLOGY: linear
 52 (ii) MOLECULE TYPE: peptide
 57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 58 Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Met Val Lys
 60 1 5 10 15
 62 Ser Asn Phe Val Pro Thr Asn Val Gly Ser Lys Ala Phe
 63 20 25
 65 (2) INFORMATION FOR SEQ ID NO: 2:
 67 (i) SEQUENCE CHARACTERISTICS:
 68 (A) LENGTH: 30 amino acids
 69 (B) TYPE: amino acid

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70 (C) STRANDEDNESS: single
71 (D) TOPOLOGY: linear
73 (ii) MOLECULE TYPE: peptide
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
80 Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Met Val Lys
81 1 5 10 15
83 Ser Asn Phe Val Val Pro Thr Asn Val Gly Ser Lys Ala Phe
84 20 25 30
86 (2) INFORMATION FOR SEQ ID NO: 3:
88 (i) SEQUENCE CHARACTERISTICS:
89 (A) LENGTH: 37 amino acids
90 (B) TYPE: amino acid
91 (C) STRANDEDNESS: single
92 (D) TOPOLOGY: linear
94 (ii) MOLECULE TYPE: peptide
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
102 1 5 10 15
104 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val
105 20 25 30
109 Gly Ser Lys Ala Phe
110 35
112 (2) INFORMATION FOR SEQ ID NO: 4:
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 37 amino acids
116 (B) TYPE: amino acid
117 (C) STRANDEDNESS: single
118 (D) TOPOLOGY: linear
120 (ii) MOLECULE TYPE: peptide
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
127 Ala Cys Asp Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
128 1 5 10 15
130 Ser Arg Ser Gly Gly Val Val Lys Asn Asn Phe Val Pro Thr Asn Val
131 20 25 30
133 Gly Ser Lys Ala Phe
134 35
136 (2) INFORMATION FOR SEQ ID NO: 5:
138 (i) SEQUENCE CHARACTERISTICS:
139 (A) LENGTH: 37 amino acids
140 (B) TYPE: amino acid
141 (C) STRANDEDNESS: single
142 (D) TOPOLOGY: linear
144 (ii) MOLECULE TYPE: peptide
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
151 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
152 1 5 10 15
154 Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
155 20 25 30
157 Gly Ser Lys Ala Phe

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158          35
160 (2) INFORMATION FOR SEQ ID NO: 6:
163   (i) SEQUENCE CHARACTERISTICS:
164       (A) LENGTH: 37 amino acids
165       (B) TYPE: amino acid
166       (C) STRANDEDNESS: single
167       (D) TOPOLOGY: linear
169   (ii) MOLECULE TYPE: peptide
174   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
176   Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
177   1          5          10          15
179   Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
180   20          25          30
182   Gly Ser Glu Ala Phe
183   35
185 (2) INFORMATION FOR SEQ ID NO: 7:
187   (i) SEQUENCE CHARACTERISTICS:
188       (A) LENGTH: 37 amino acids
189       (B) TYPE: amino acid
190       (C) STRANDEDNESS: single
191       (D) TOPOLOGY: linear
193   (ii) MOLECULE TYPE: peptide
198   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
200   Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
201   1          5          10          15
203   Ser Arg Ser Gly Gly Val Gly Lys Asn Asn Phe Val Pro Thr Asn Val
204   20          25          30
206   Gly Ser Lys Ala Phe
207   35
209 (2) INFORMATION FOR SEQ ID NO: 8:
211   (i) SEQUENCE CHARACTERISTICS:
212       (A) LENGTH: 37 amino acids
213       (B) TYPE: amino acid
214       (C) STRANDEDNESS: single
215       (D) TOPOLOGY: linear
217   (ii) MOLECULE TYPE: peptide
222   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
224   Gly Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
225   1          5          10          15
227   Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val
228   20          25          30
230   Gly Ser Glu Ala Phe
231   35
233 (2) INFORMATION FOR SEQ ID NO: 9:
235   (i) SEQUENCE CHARACTERISTICS:
236       (A) LENGTH: 37 amino acids
237       (B) TYPE: amino acid
238       (C) STRANDEDNESS: single
239       (D) TOPOLOGY: linear
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241 (ii) MOLECULE TYPE: peptide
246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
248 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
249 1 5 10 15
251 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asp Val
252 20 25 30
254 Gly Ser Glu Ala Phe
255 35
257 (2) INFORMATION FOR SEQ ID NO: 10:
259 (i) SEQUENCE CHARACTERISTICS:
260 (A) LENGTH: 37 amino acids
261 (B) TYPE: amino acid
262 (C) STRANDEDNESS: single
263 (D) TOPOLOGY: linear
265 (ii) MOLECULE TYPE: peptide
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
273 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
274 1 5 10 15
276 Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
277 20 25 30
279 Gly Ser Gln Ala Phe
280 35
282 (2) INFORMATION FOR SEQ ID NO: 11:
284 (i) SEQUENCE CHARACTERISTICS:
285 (A) LENGTH: 37 amino acids
286 (B) TYPE: amino acid
287 (C) STRANDEDNESS: single
288 (D) TOPOLOGY: linear
290 (ii) MOLECULE TYPE: peptide
295 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
297 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
298 1 5 10 15
300 Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
301 20 25 30
303 Gly Ser Glu Ala Phe
304 35
306 (2) INFORMATION FOR SEQ ID NO: 12:
308 (i) SEQUENCE CHARACTERISTICS:
309 (A) LENGTH: 37 amino acids
310 (B) TYPE: amino acid
311 (C) STRANDEDNESS: single
312 (D) TOPOLOGY: linear
314 (ii) MOLECULE TYPE: peptide
319 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
321 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
322 1 5 10 15
325 Asn Arg Ser Gly Gly Met Gly Asn Ser Asn Phe Val Pro Thr Asn Val
326 20 25 30
328 Gly Ala Lys Ala Phe

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329 35
331 (2) INFORMATION FOR SEQ ID NO: 13:
333 (i) SEQUENCE CHARACTERISTICS:
334 (A) LENGTH: 37 amino acids
335 (B) TYPE: amino acid
336 (C) STRANDEDNESS: single
337 (D) TOPOLOGY: linear
339 (ii) MOLECULE TYPE: peptide
344 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
346 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
347 1 5 10 15
349 Ser Arg Ser Gly Gly Met Ala Lys Asn Asn Phe Val Pro Thr Asn Val
350 20 25 30
352 Gly Ser Lys Ala Phe
353 35
355 (2) INFORMATION FOR SEQ ID NO: 14:
357 (i) SEQUENCE CHARACTERISTICS:
358 (A) LENGTH: 52 amino acids
359 (B) TYPE: amino acid
360 (C) STRANDEDNESS: single
361 (D) TOPOLOGY: linear
363 (ii) MOLECULE TYPE: peptide
368 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
370 Tyr Arg Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys
371 1 5 10 15
373 Arg Phe Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln
374 20 25 30
376 Phe Thr Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser
377 35 40 45
379 Pro Gln Gly Tyr
380 50
382 (2) INFORMATION FOR SEQ ID NO: 15:
384 (i) SEQUENCE CHARACTERISTICS:
385 (A) LENGTH: 50 amino acids
386 (B) TYPE: amino acid
387 (C) STRANDEDNESS: single
388 (D) TOPOLOGY: linear
390 (ii) MOLECULE TYPE: peptide
395 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
397 Tyr Arg Gln Ser Met Asn Gln Gly Ser Arg Ser Thr Gly Cys Arg Phe
398 1 5 10 15
400 Gly Thr Cys Thr Met Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
401 20 25 30
403 Asp Lys Asp Lys Asp Gly Met Ala Pro Arg Asn Lys Ile Ser Pro Gln
404 35 40 45
406 Gly Tyr
407 50
409 (2) INFORMATION FOR SEQ ID NO: 16:
411 (i) SEQUENCE CHARACTERISTICS:

VERIFICATION SUMMARY

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]